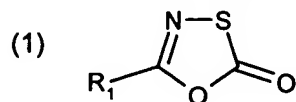


Abstract of the Disclosure

The use of oxathiazolones of formula



is described,

R₁ is C₁-C₁₆alkyl, C₂-C₁₆alkenyl or C₅-C₈cycloalkyl, each unsubstituted or substituted by halogen, -CN, -NO₂, -C=O, -C=S, -NR₂, -OR₃, -SR₄, -SO₂R₅, -COOR₆ or by a 1,3,4-oxathiazol-2-one radical; C₆-C₁₀aryl unsubstituted or substituted by one or more C₁-C₅alkyl, C₆-C₁₀aryl, halogen, hydroxy, acyl, -CN, -CF₃, -NO₂, -NR₂, -OR₃, -SR₄, -SO₃H, -SO₂R₅, -COOR₆ substituents or by a 1,3,4-oxathiazol-2-one radical; or a 5- or 6-membered heterocyclic radical;

R₂ and R₃ are each independently of the other hydrogen; C₁-C₅alkyl; C₆-C₁₀aryl, or acyl;

R₄ is hydrogen; C₁-C₅alkyl; or C₆-C₁₀aryl;

R₅ is C₁-C₅alkyl; or C₆-C₁₀aryl;

R₆ is hydrogen; C₁-C₅alkyl; or C₆-C₁₀aryl,

in the antimicrobial treatment of surfaces.

The compounds exhibit a pronounced action against pathogenic gram-positive and gram-negative bacteria, and also against yeasts and moulds.